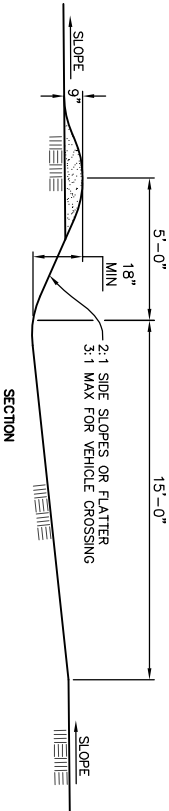
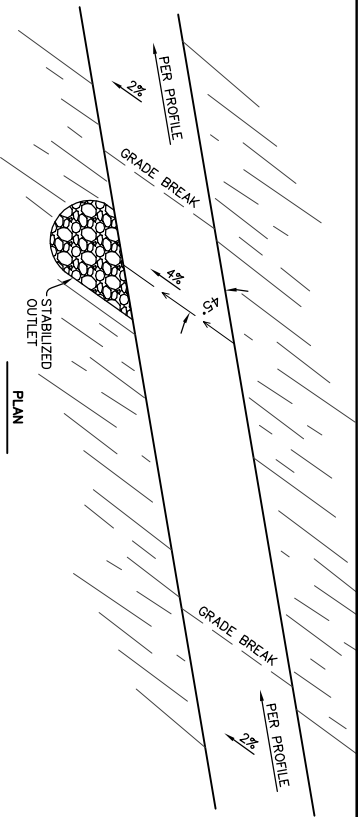


STONE CROSSING



ROLLING GRADE DIP

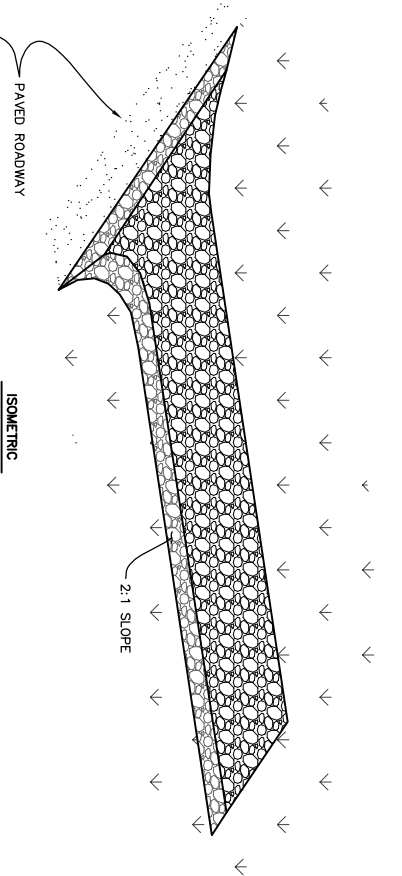


LOW WATER CROSSING GENERAL NOTES

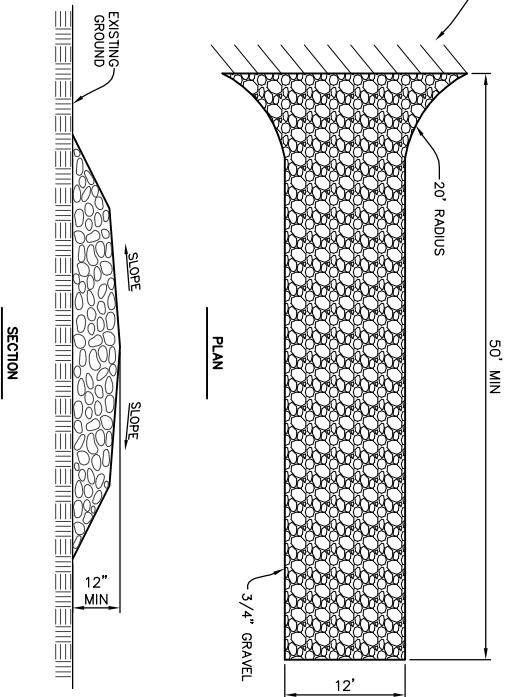
- CROSSINGS SHALL BE USED FOR DRY STREAM BEDS AND WHERE CROSSING WILL CAUSE MINIMAL WATER QUALITY IMPACTS.
- CROSSING SHALL BE CONSTRUCTED DURING DRY MONTHS WHEN THE STREAM IS DRY OR THE WATER LEVEL IS AS LOW AS POSSIBLE.
- CROSSING MATERIALS SHALL BE CLEAN, NON-ERODIBLE, AND NON-TOXIC TO AQUATIC LIFE.
- CROSSINGS SHALL BE INSTALLED PERPENDICULAR TO THE STREAM BED.
- TEMPORARY SEGMENT CONTROL STRUCTURES SHALL BE INSTALLED IMMEDIATELY PRIOR TO CONSTRUCTION TO MINIMIZE EROSION INTO THE STREAM. SEGMENT CONTROL STRUCTURES SHALL BE MAINTAINED UNTIL SOIL IS PERMANENTLY STABILIZED.

DRY OR LOW WATER CROSSING

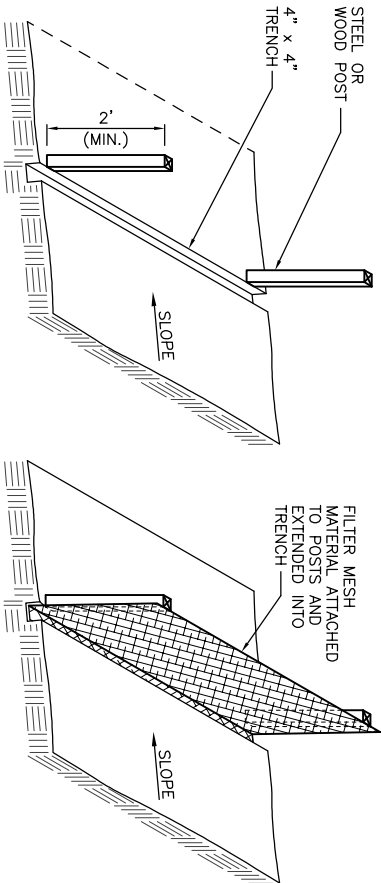
N.T.S.



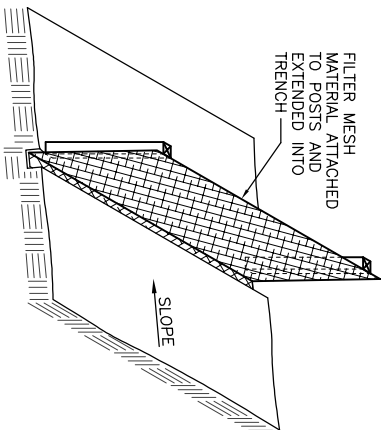
ISOMETRIC



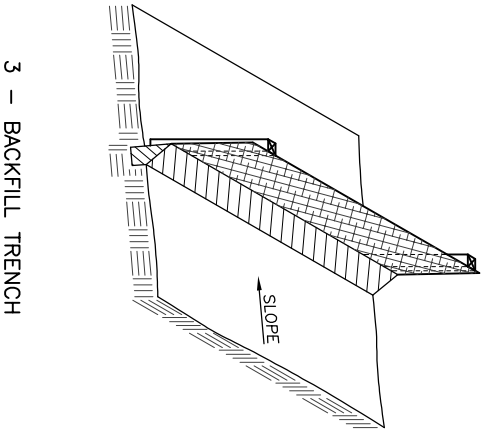
STABILIZED CONSTRUCTION ENTRANCE



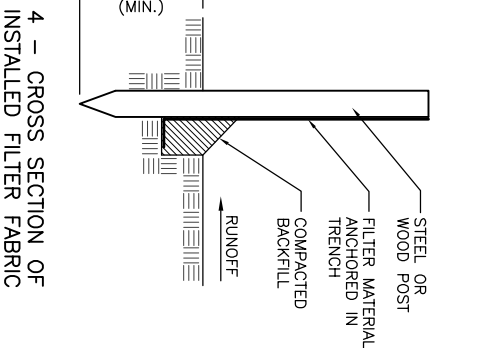
1 - SET POSTS & EXCAVATE TRENCH



2 - INSTALL FILTER FABRIC



3 - BACKFILL TRENCH



4 - CROSS SECTION OF INSTALLED FILTER FABRIC

SILT FENCE INSTALLATION



INSTALLED SILT FENCE

SILT FENCE GENERAL NOTES

SILT FENCE SHALL BE INSTALLED:

- WHERE NON-CONCENTRATED SHEET FLOW WILL OCCUR DOWNHILL FROM EARTH DISTURBING CONSTRUCTION
- WHERE PROTECTION OF ADJACENT PROPERTY OR "WATERS OF THE UNITED STATES" IS REQUIRED
- REQUIRED AT THE SIZE OF THE DRAINAGE AREA IS NO MORE THAN 1/4 ACRE PER 100 LINEAR FEET OF SILT FENCE
- SUCH THAT THE MAXIMUM FLOW PATH LENGTH ABOVE THE BARRIER IS 100 FEET
- SUCH THAT THE MAXIMUM FLOW GRADIENT ABOVE THE BARRIER IS 2:1

CONCEPT - PROPOSED PROJECT

DUDEK
621 CHAPALA STREET
SANTA BARBARA, CA 93101
(805) 963-0651

NO.	DATE	REVISIONS

Patfield & Smith
Engineers, Surveyors, Planners
Construction Management
111 East Victoria Street
Santa Barbara, CA 93101
Phone: (805) 963-9532 Fax: (805) 966-9801

DESIGN: JHC
CHECKED: BEF
PROJECT ENGINEER: BRETT E. FOSTER
DATE: 06-30-08
R.C.E. 48,267 (EXP. 06-30-08)

TRAIL AND GRADING BMP'S
SANTA MONICA MOUNTAINS CONSERVANCY
MALIBU, CALIFORNIA

P&S PROJECT NO.
13638.05
SHEET 38 OF 63
PLAN DATE
JANUARY 10, 2010